

MAGNETIC DEVICE FOR A MAGNETIC TRIP UNIT

Abstract of Disclosure

A magnetic trip unit for actuating a latching mechanism to trip a circuit breaker upon an overcurrent condition, the magnetic trip unit includes: a flux return component in electromagnetic communication with an electrically conductive strap; a tube disposed within the flux return component; a stator disposed at a first end of the tube and connected to the flux return component, the stator having a stator surface at one end; and a plunger slidably extending from a second end of the tube, the plunger comprises a plunger surface at one end facing the stator surface, the plunger further includes another end adapted to operably interact with the latching mechanism, the plunger is biased to a predetermined gap position.

Figures

1. The first figure is a line graph showing the relationship between the number of hours spent studying and the score on a test. The x-axis represents the number of hours (0 to 10), and the y-axis represents the score (0 to 100). The data points are as follows:

Hours	Score
0	50
1	55
2	60
3	65
4	70
5	75
6	80
7	85
8	90
9	95
10	100

2. The second figure is a bar chart showing the distribution of test scores. The x-axis represents the score (0 to 100), and the y-axis represents the frequency (0 to 10). The data is as follows:

Score	Frequency
50	1
55	2
60	3
65	4
70	5
75	6
80	7
85	8
90	9
95	10